

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136935.D
 Acq On : 04 Jan 2024 12:02
 Operator : CG\JU
 Sample : PB158180BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158180BL

Quant Time: Jan 04 12:33:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89308	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	349722	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	184753	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	386077	20.000	ng	0.00
76) Chrysene-d12	13.969	240	236449	20.000	ng	0.00
86) Perylene-d12	15.457	264	187129	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	818382	142.978	ng	0.02
7) Phenol-d6	6.446	99	1015298	136.894	ng	0.00
23) Nitrobenzene-d5	7.351	82	648581	94.900	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	301731	138.671	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1290161	93.923	ng	-0.01
79) Terphenyl-d14	12.916	244	1571993	92.908	ng	0.00

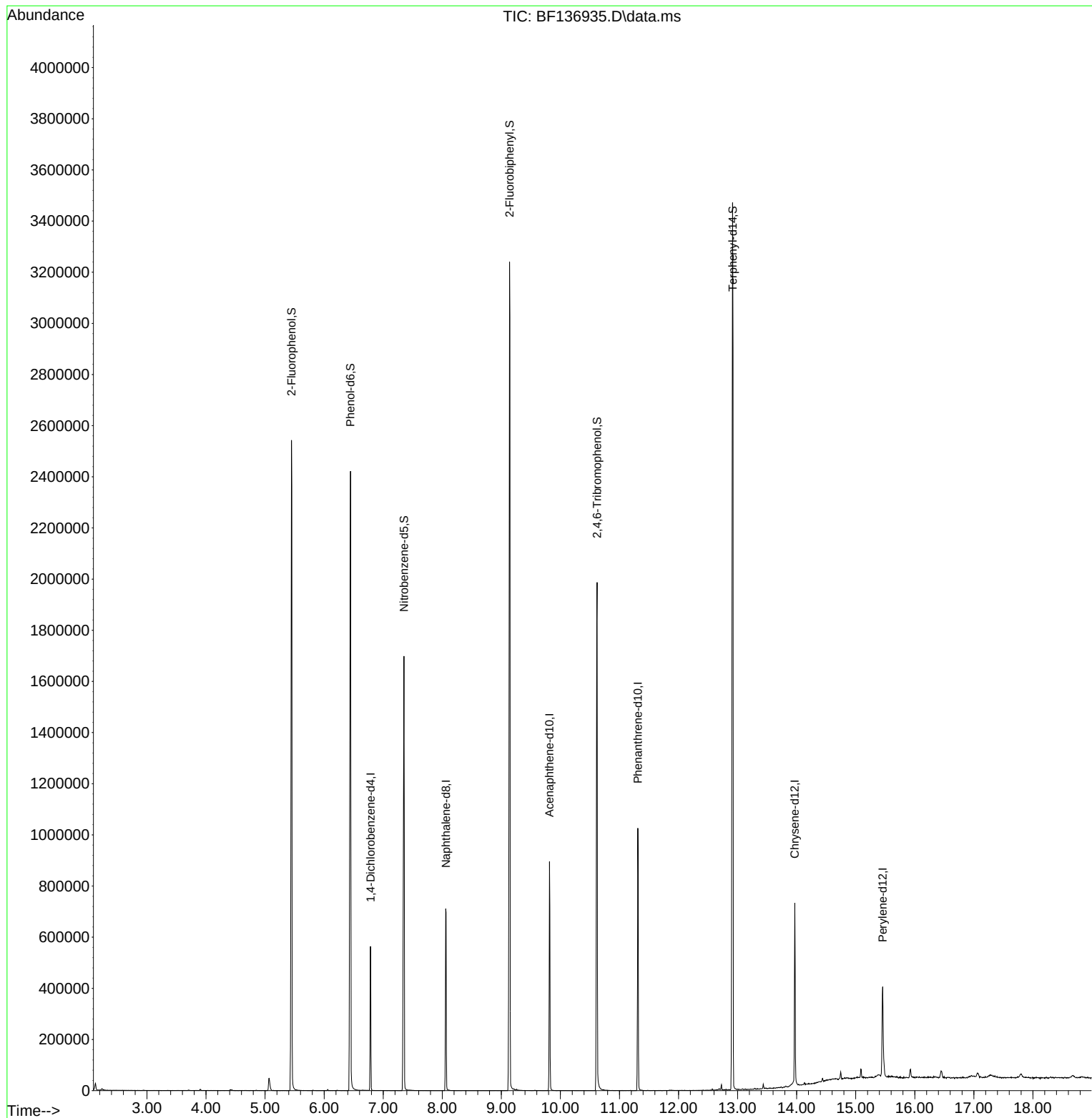
Target Compounds	Qvalue

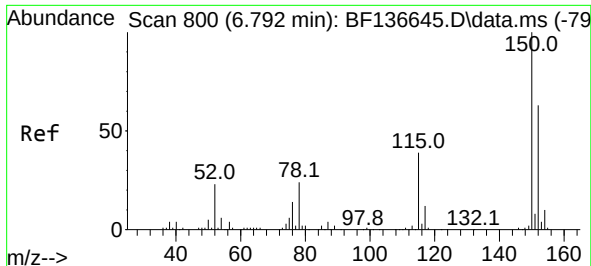
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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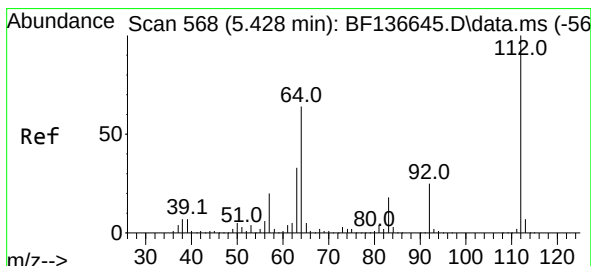
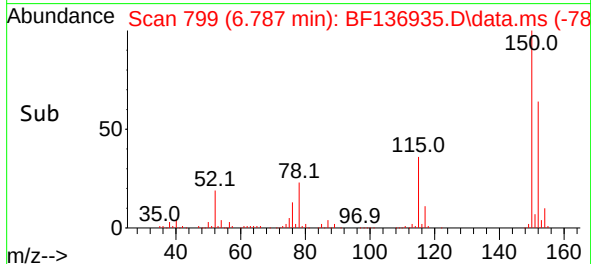
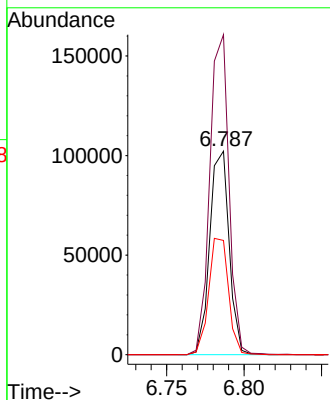
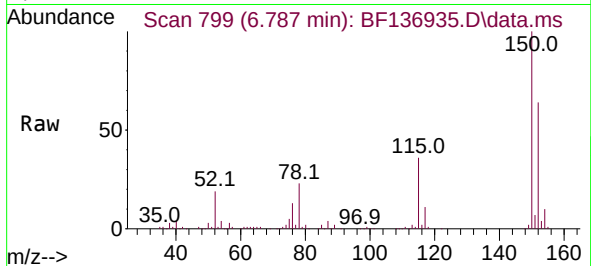




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

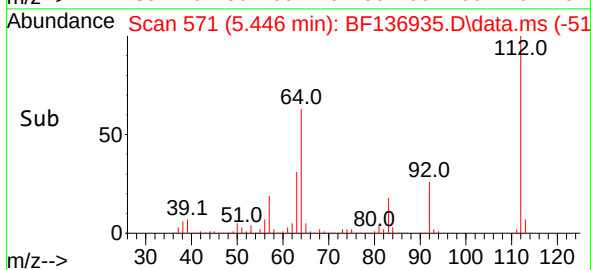
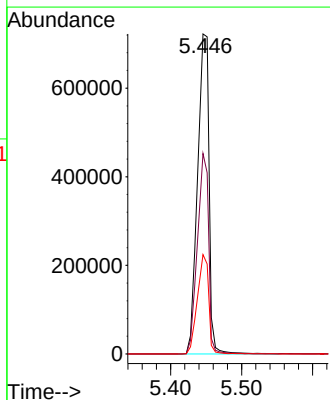
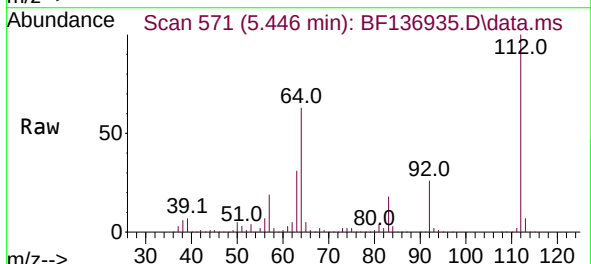
Instrument :
BNA_F
ClientSampleId :
PB158180BL

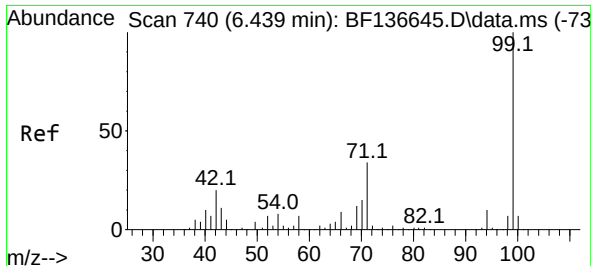
Tgt Ion:152 Resp: 89308
Ion Ratio Lower Upper
152 100
150 157.2 127.0 190.6
115 56.2 49.0 73.4



#5
2-Fluorophenol
Concen: 142.978 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

Tgt Ion:112 Resp: 818382
Ion Ratio Lower Upper
112 100
64 62.7 51.1 76.7
63 31.0 26.1 39.1



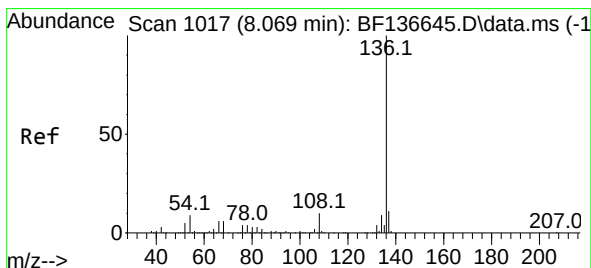
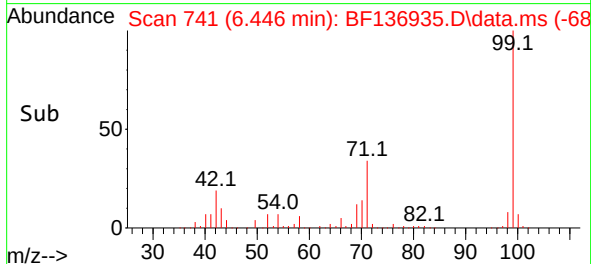
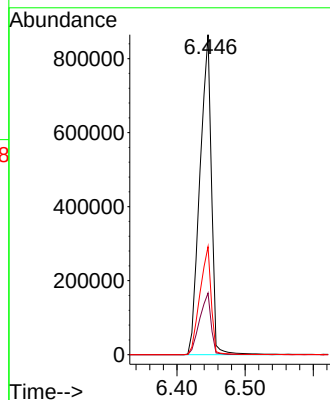
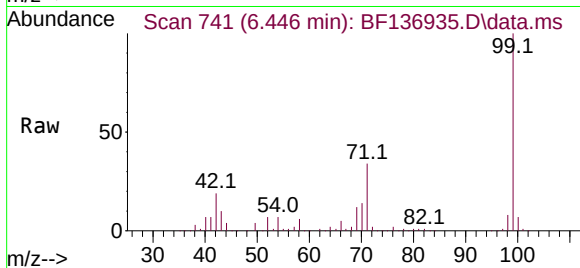


#7
Phenol-d6
Concen: 136.894 ng
RT: 6.446 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

Instrument :
BNA_F
ClientSampleId :
PB158180BL

Tgt Ion: 99 Resp: 1015298

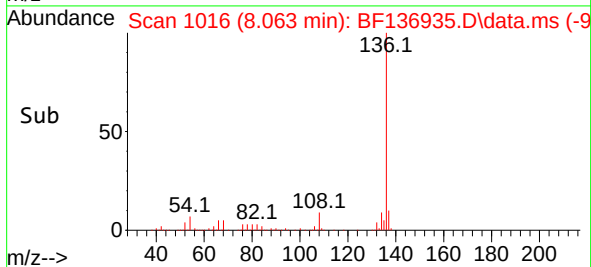
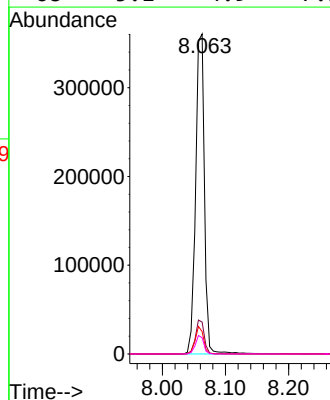
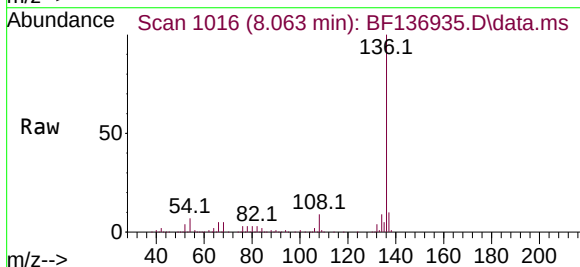
Ion	Ratio	Lower	Upper
99	100		
42	19.2	16.1	24.1
71	33.7	27.4	41.2

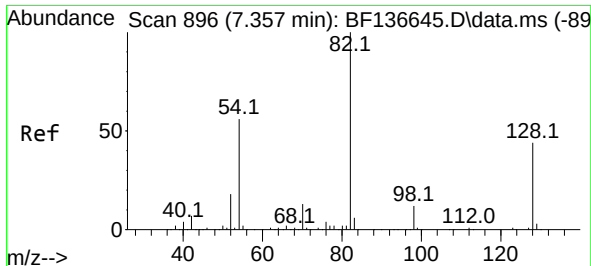


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136935.D
Acq: 04 Jan 2024 12:02

Tgt Ion: 136 Resp: 349722

Ion	Ratio	Lower	Upper
136	100		
137	9.9	9.0	13.4
54	7.0	7.2	10.8#
68	5.1	4.9	7.3





#23

Nitrobenzene-d5

Concen: 94.900 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

Instrument :

BNA_F

ClientSampleId :

PB158180BL

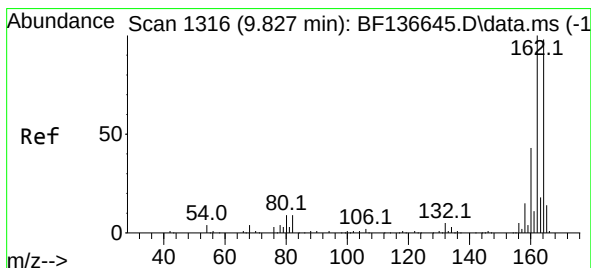
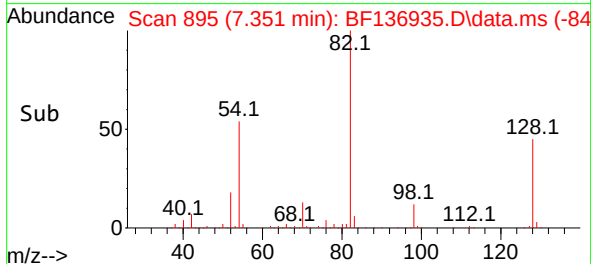
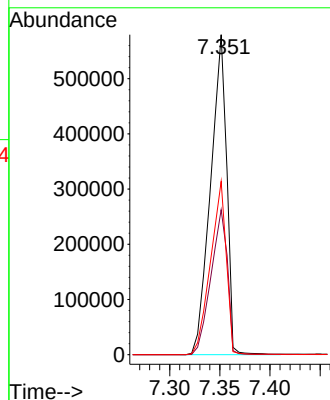
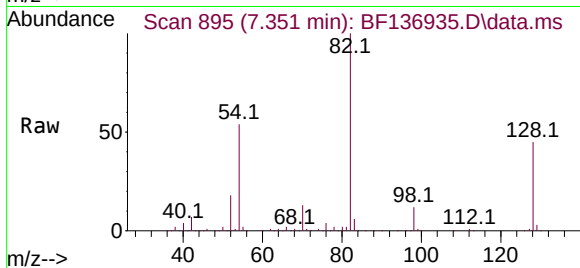
Tgt Ion: 82 Resp: 648581

Ion Ratio Lower Upper

82 100

128 45.3 35.3 52.9

54 54.1 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

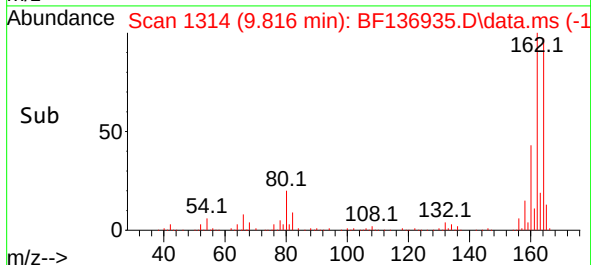
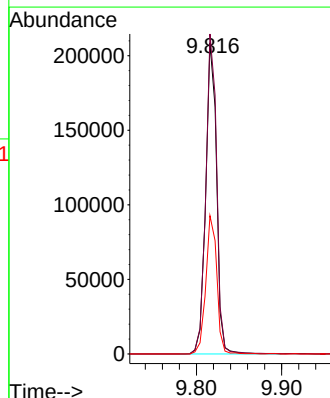
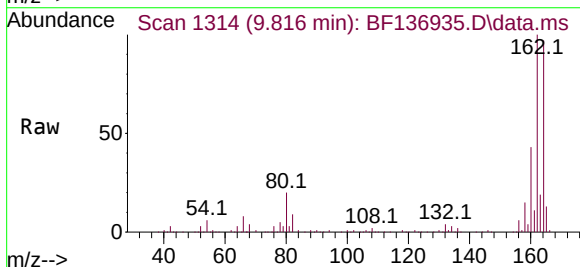
Tgt Ion:164 Resp: 184753

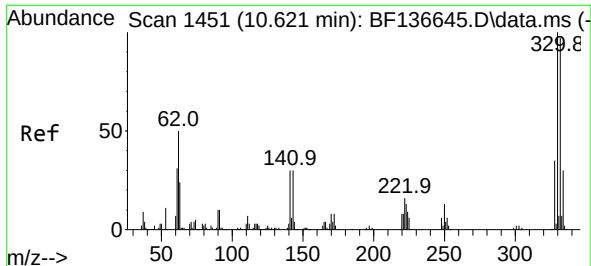
Ion Ratio Lower Upper

164 100

162 102.9 81.6 122.4

160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 138.671 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF136935.D

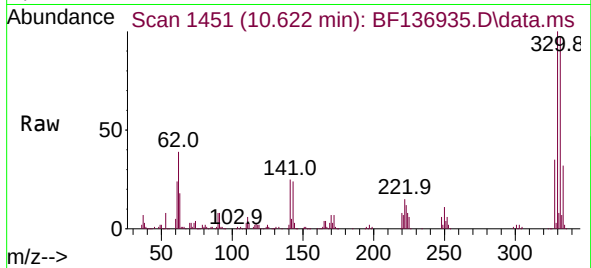
Acq: 04 Jan 2024 12:02

Instrument :

BNA_F

ClientSampleId :

PB158180BL



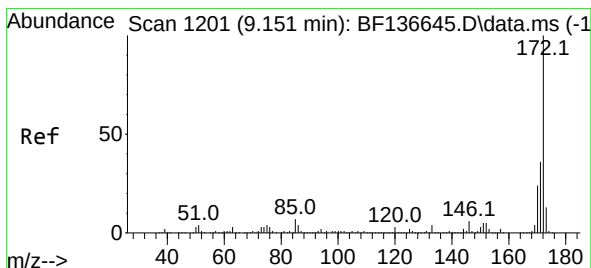
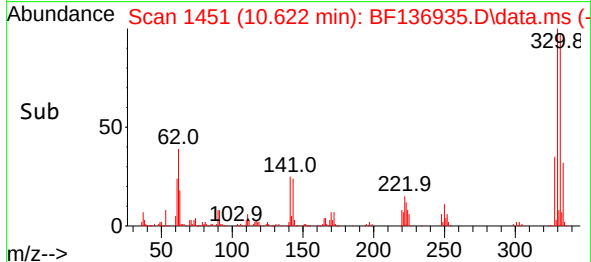
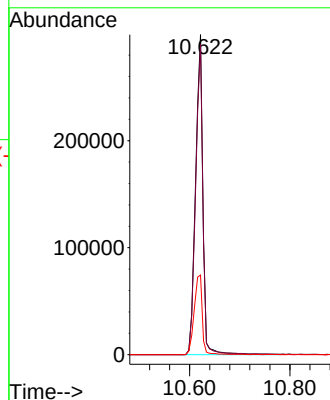
Tgt Ion:330 Resp: 301731

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.923 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

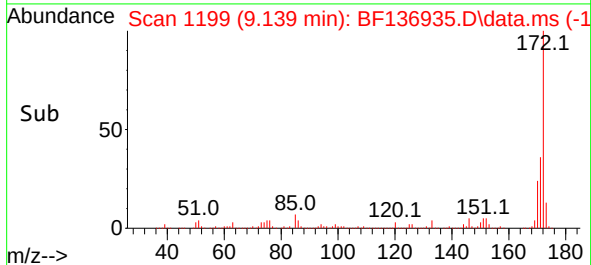
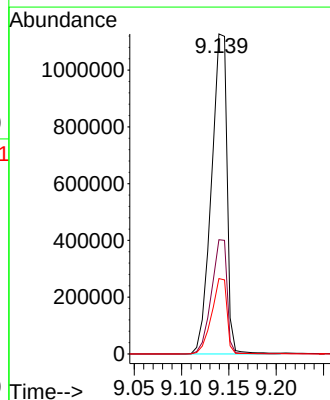
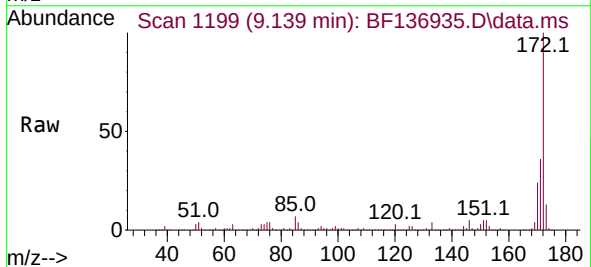
Tgt Ion:172 Resp: 1290161

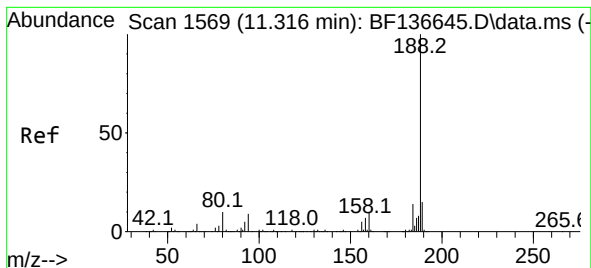
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

Instrument :

BNA_F

ClientSampleId :

PB158180BL

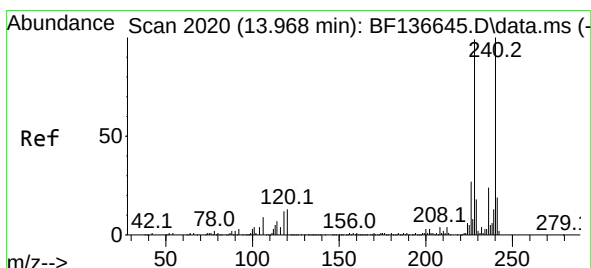
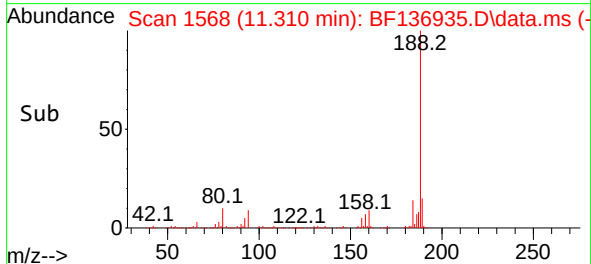
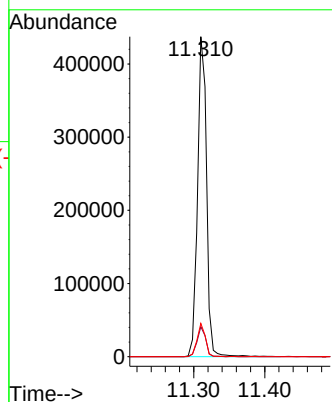
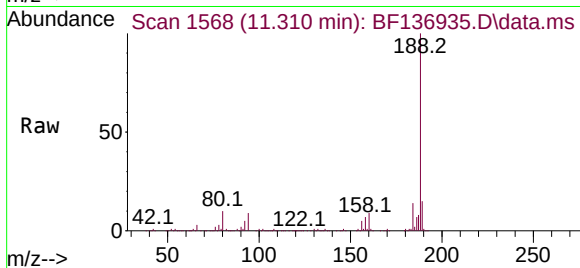
Tgt Ion:188 Resp: 386077

Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136935.D

Acq: 04 Jan 2024 12:02

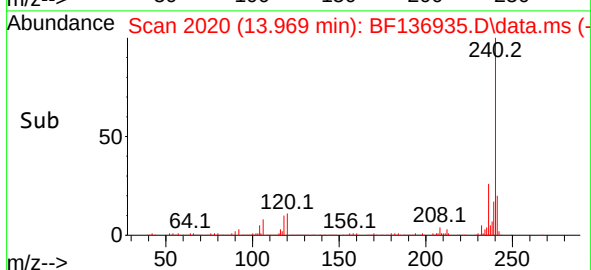
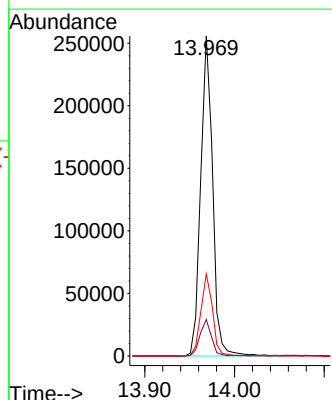
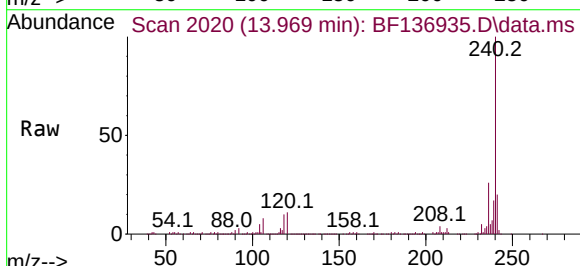
Tgt Ion:240 Resp: 236449

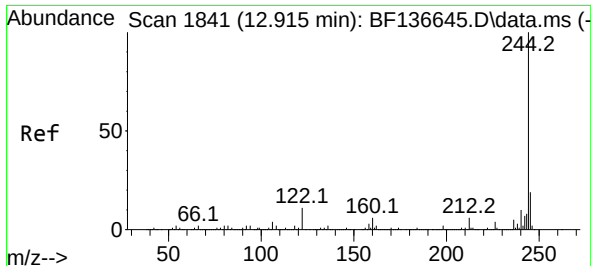
Ion Ratio Lower Upper

240 100

120 11.4 10.3 15.5

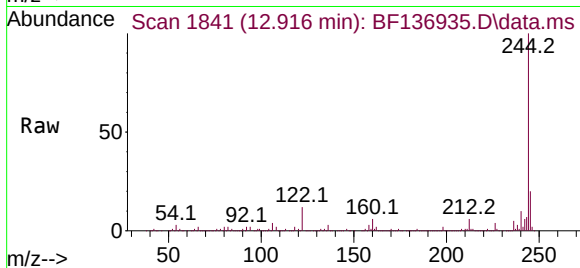
236 25.6 19.4 29.2





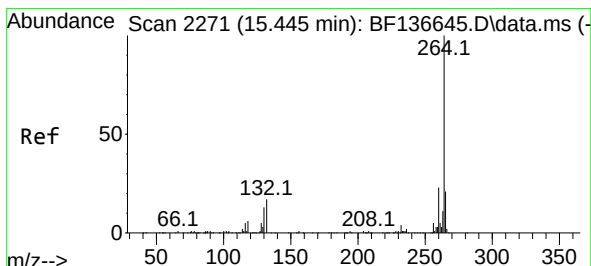
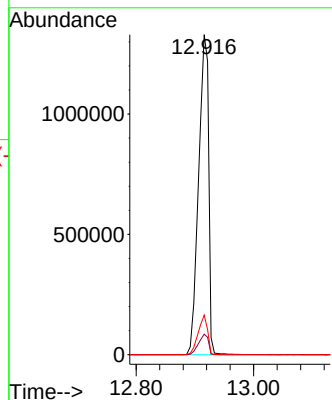
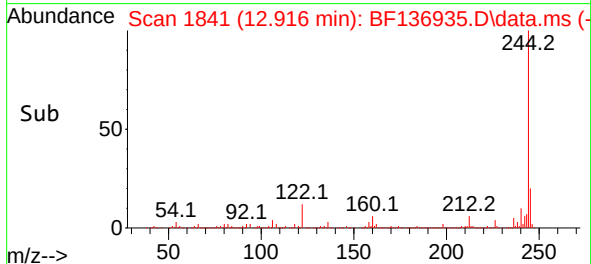
#79
 Terphenyl-d14
 Concen: 92.908 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF136935.D
 Acq: 04 Jan 2024 12:02

Instrument :
 BNA_F
 ClientSampleId :
 PB158180BL



Tgt Ion:244 Resp: 1571993

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.0	7.4
122	12.4	9.0	13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF136935.D
 Acq: 04 Jan 2024 12:02

Tgt Ion:264 Resp: 187129

Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.3	27.5
265	22.0	17.0	25.6

